

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Presented) A method for exchanging data between a portable user equipment (MS), a plurality of service stations placed at selected locations and a plurality of mobile service providers (8), said method including the steps of:

- a) generating a first request message including designating service data at the portable user equipment (MS);
- b) transmitting the first request message, each of the plurality of service stations being arranged with a short-range communication module which provides a first transmission zone, the portable user equipment including a compatible short-range communication module;
- c) generating a second request message including at least said designating service data at that one of the plurality of service stations whose first transmission zone contains the portable user equipment upon receiving the first request message;
- d) transmitting the second request message, each of the plurality of mobile service providers being arranged with a short-range communication module which provides a second transmission zone, each of the plurality of service stations including a compatible short-range communication module;
- e) receiving the second request message at that one of the plurality of mobile service providers whose second transmission zone contains one of the plurality of service stations at which the second request message was generated; and
- f) stopping such mobile service provider at such service station.

2. (Previously Presented) The method according to Claim 1, each of said plurality of service stations being associated with at least one designated service, wherein step b) is performed only when said designating service data of the first request message matches said at least one designated service.

3. (Previously Presented) The method according to Claim 2, each of said plurality of mobile service providers being associated with at least one designated service, wherein step e) is performed only when said designating service data of the second request message matches said at least one designated service.

4. (Previously Presented) The method according to Claim 1, wherein steps a) and b) are accomplished by ad hoc exchanges.

5. (Previously Presented) The method according to Claim 4, wherein designating service data includes data defining a first spatial value which is defined at any location within a restricted physical volume.

6. (Previously Presented) The method according to Claim 1, wherein step c) and step d) are accomplished by ad hoc exchanges.

7. (Previously Presented) The method according to Claim 1, wherein said second request message includes data defining a second spatial value which is defined at any location within a restricted physical volume.

8. (Previously Presented) The method according to Claim 1, further comprising the step of:

sending information to said portable user equipment (MS), after receiving the first request message.

9. (Previously Presented) The method according to Claim 8, wherein said information comprises arrival time data relative to that one of the plurality of service stations which receives the second request message.

10. (Previously Presented) The method according to Claim 8, wherein said information comprises advertising type information.

11. (Previously Presented) The method according to Claim 8, wherein said information includes at least one Internet site address.

12-17. (Cancelled)

18. (Previously Presented) A use of the method according to Claim 1, in the field of public transport, said mobile service providers (8) being public transport vehicles, in particular, buses and coaches, and the service station (3) constituting all or part of a bus stop.

19-35. (Cancelled)

36. (Previously Presented) The device according to claim 42, wherein the portable user equipment (MS) includes a communication module (1) and first control means.

37. (Previously Presented) The device according to claim 36, wherein the portable user equipment (MS) is chosen from a group including mobile telephones and personal digital assistants (PDA).

38. (Previously Presented) The device according to claim 42, wherein the service station (3) comprises: a communication module (6) and second control means (7).

39. (Previously Presented) The device according to claim 42, wherein the service station (3) is intended to be installed in a public place chosen from a group including bus or coach stops, airports and railway stations.

40. (Previously Presented) The device according to claim 42, wherein each of the mobile service providers are a transport vehicle having a communication module (9) and third control means (10).

41. (Previously Presented) The device according to claim 40, wherein the transport vehicle is arranged to provide public transport for persons.

42. (Previously Presented) A device for exchanging data between a portable user equipment (MS), a plurality of service stations placed at selected locations and a plurality of mobile service providers (8), said device comprising:

i) a first short-range communication module intended to be arranged with each of the plurality of service stations which provides a first transmission zone, the portable user equipment being arranged with a compatible short-range communication module,

ii) a second short-range communication module intended to be arranged with each of the plurality of service stations which provides a second transmission zone, each of said plurality of service stations being provided with a compatible short-range communication module,

iii) a first control module (2) intended to be implanted in the portable user equipment (MS) and to cooperate with the first compatible short-range communication module of said portable user equipment for:

- generating a first request message including designating service upon user's instruction, and

- transmitting the first request message,

iv) second control modules (7; 14) intended to be included at each of said plurality of service stations and cooperate with the first short-range communication module and said second compatible short-range communication module of such service station for:

- receiving the first request message when the first transmission zone contains the portable user equipment,

- generating a second request message including at least said designating service data, and

- transmitting the second request message,

v) third control modules intended to be implanted in each of the plurality of mobile service providers and cooperate with the second short-range communication module of such mobile service provider for:

- receiving the second request message when the second transmission zone contains that one of the plurality of service stations at which the second request message were generated, and

so that one of the mobile service providers stops at the service station.

43. (Previously Presented) The device according to Claim 42, wherein first short-range communication modules, first control module, compatible short-range communication module of the user portable equipment and second control module are respectively arranged so as to generate and receive a first request message by ad hoc exchanges.

44. (Previously Presented) The device according to Claim 43, wherein said first control means (2) are arranged to generate first request messages including a first spatial value data which is defined at any location within a restricted physical volume.

45. (Previously Presented) The device according to any one of Claims 42, wherein second short-range communication modules, second control module, compatible short-range communication module of the service station and third control module are respectively arranged so as to generate and receive a second request message by ad hoc exchanges.

46. (Previously Presented) The device according to claim 45, wherein said second control means (7) are arranged to generate second request messages including second spatial value data.

47. (New) The method according to Claim 1,
wherein the first request message is transmitted directly from the portable user equipment (MS) to one of the plurality of service stations in a short range communication zone of the portable user equipment (MS); and
wherein the second request message is transmitted directly from one of the plurality of service stations to one of the plurality of mobile service providers whose second transmission zone contains one of the plurality of service stations.